

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010087.D
 Acq On : 18 Aug 2022 16:47
 Operator : KP/MD
 Sample : N4188-04RE
 Misc : 12.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S3RE

Quant Time: Aug 18 19:09:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	48276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31881	66.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.100%
35) Dibromofluoromethane	7.710	113	30039	53.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.179	98	105647	50.390	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.477	95	34150	46.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.740%

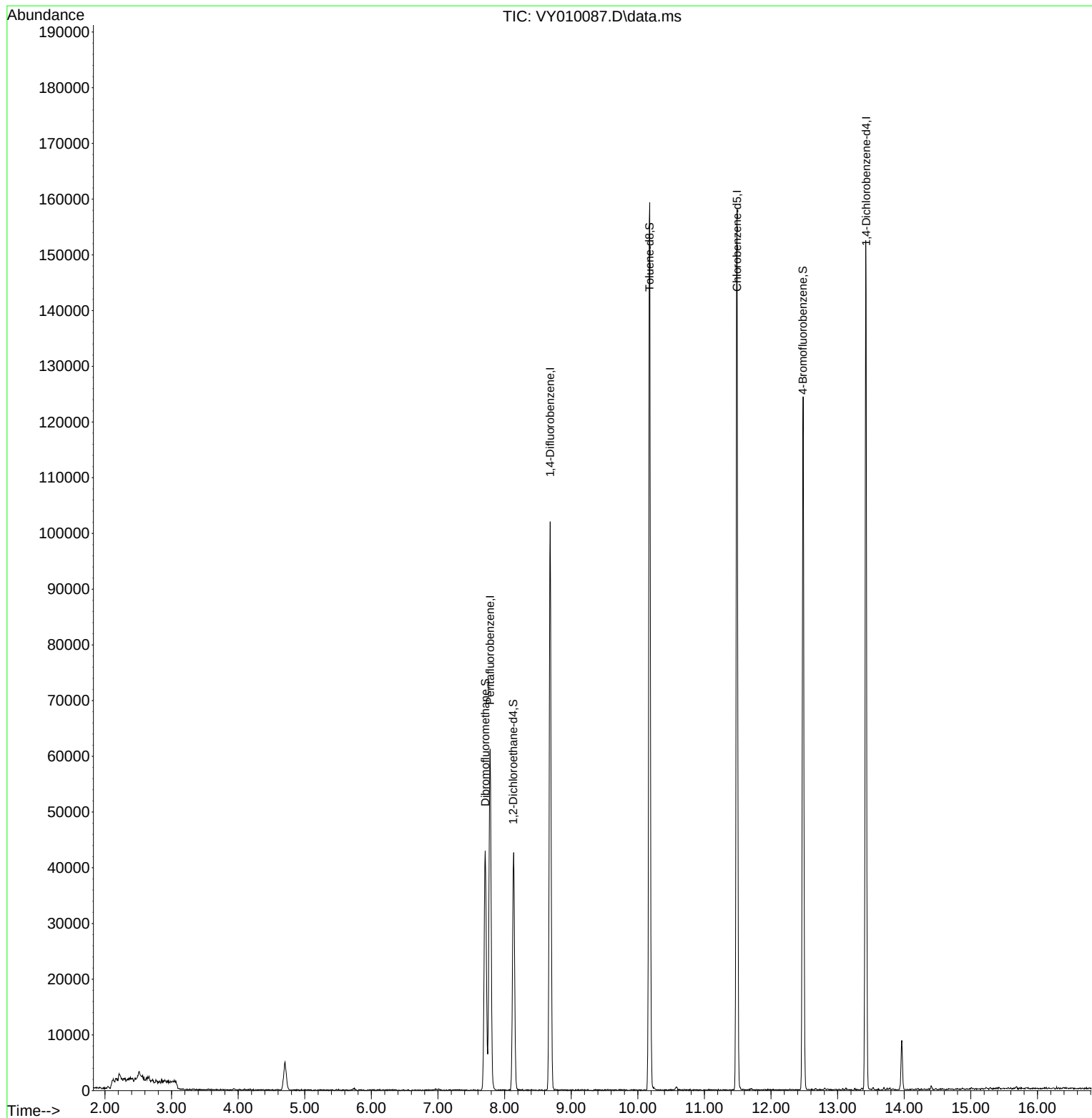
Target Compounds	Qvalue

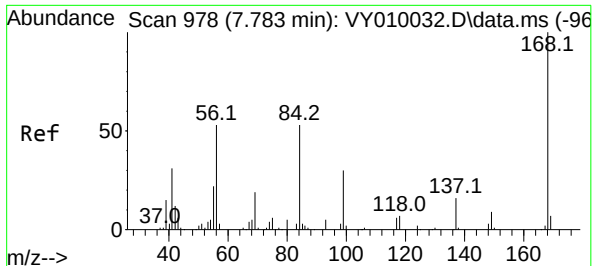
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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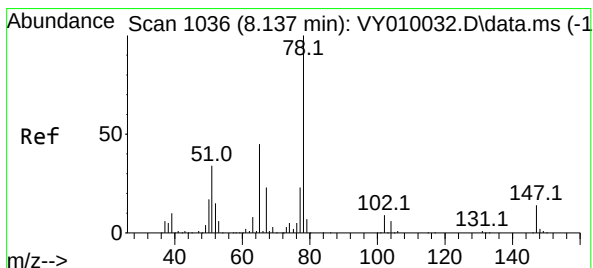
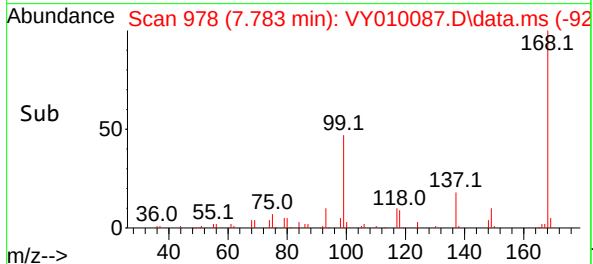
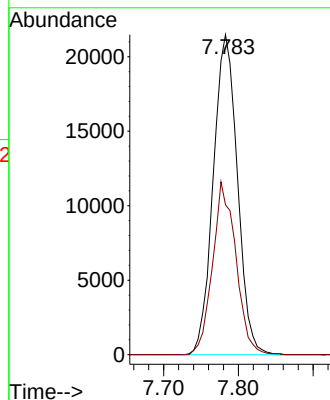
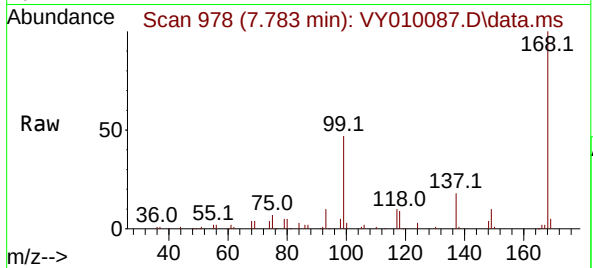




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

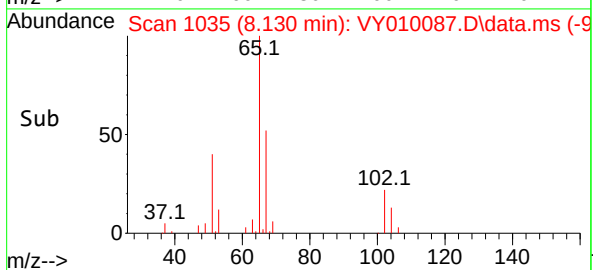
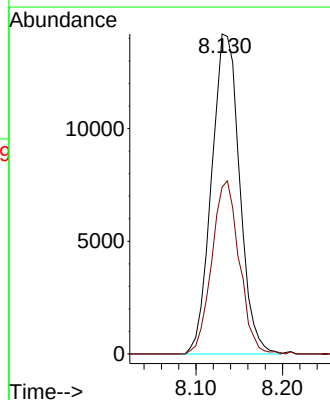
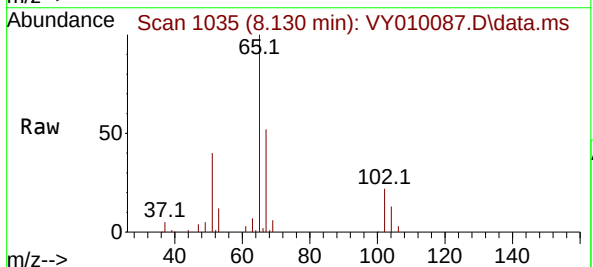
Instrument :
MSVOA_Y
ClientSampleId :
S3RE

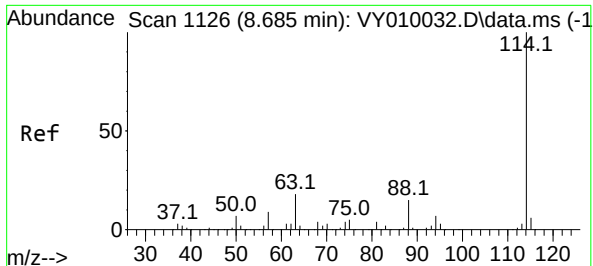
Tgt Ion:168 Resp: 48276
Ion Ratio Lower Upper
168 100
99 46.8 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 66.048 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion: 65 Resp: 31881
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010087.D

Acq: 18 Aug 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

S3RE

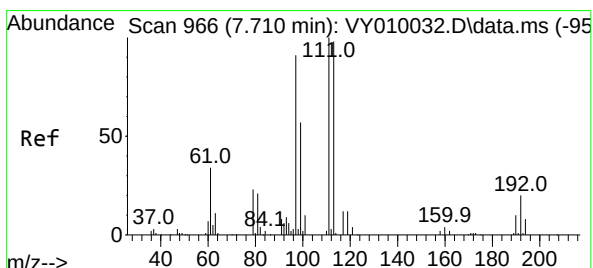
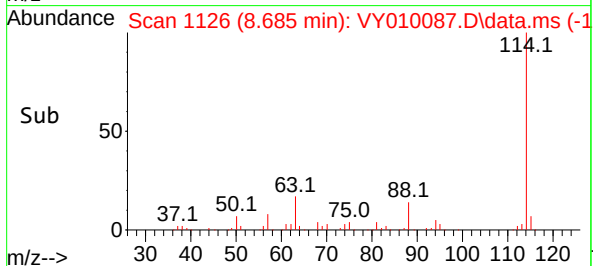
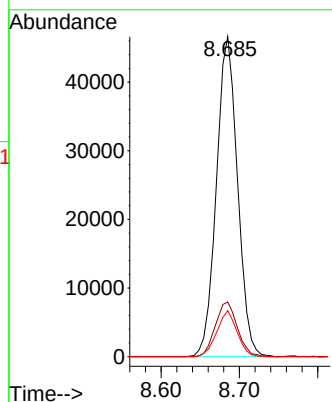
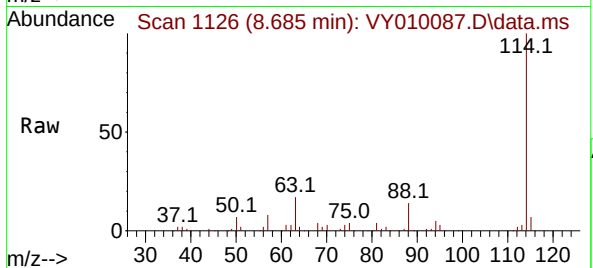
Tgt Ion:114 Resp: 87384

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.008 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010087.D

Acq: 18 Aug 2022 16:47

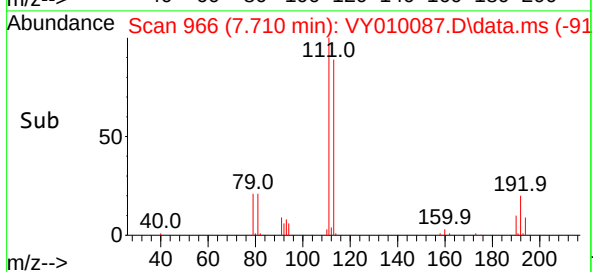
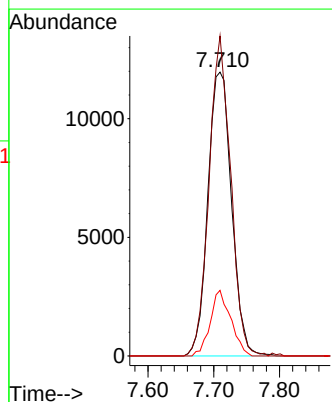
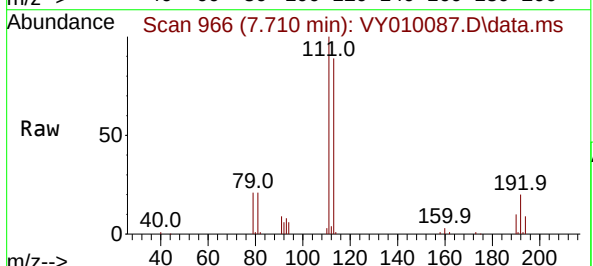
Tgt Ion:113 Resp: 30039

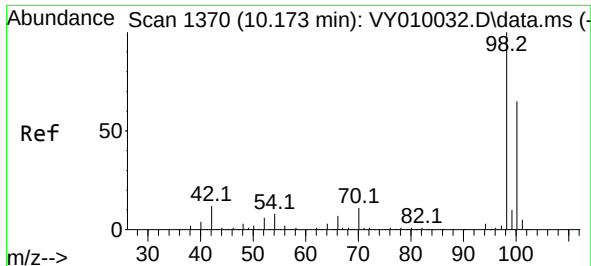
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 20.1 17.2 25.8

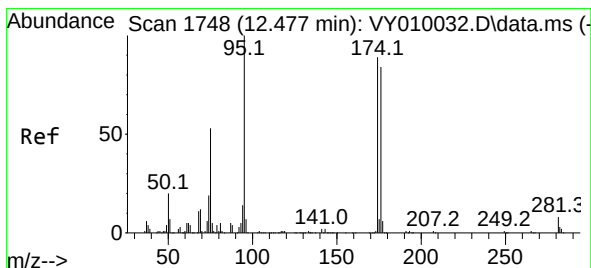
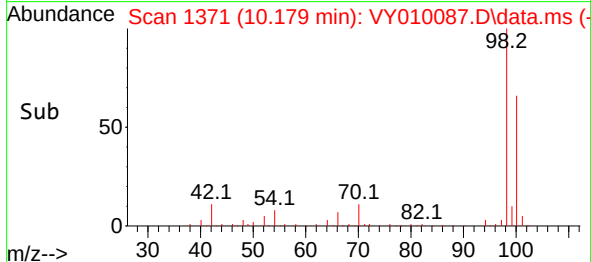
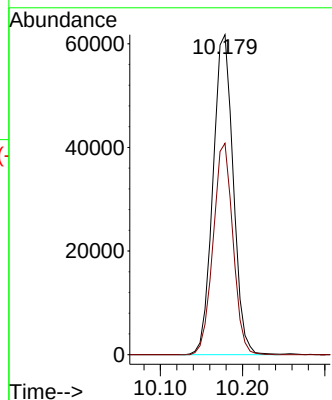
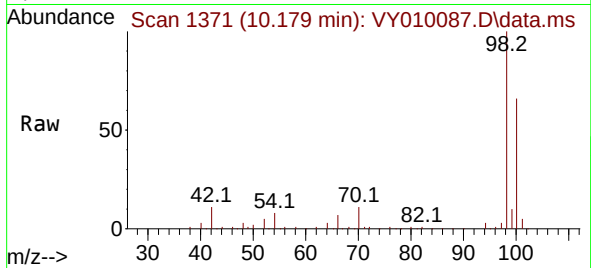




#50
Toluene-d8
Concen: 50.390 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

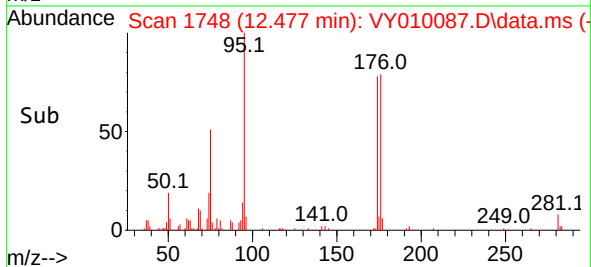
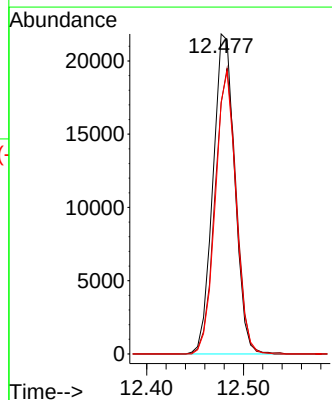
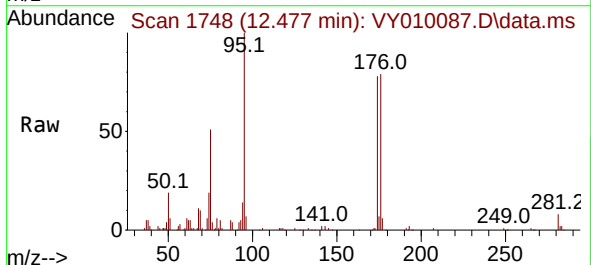
Instrument :
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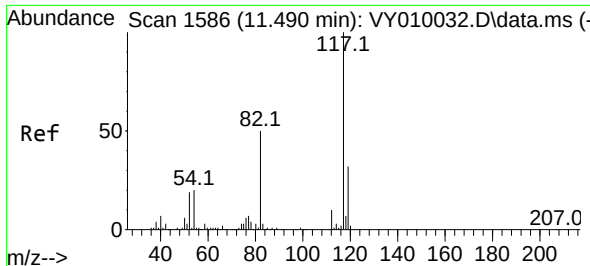
Tgt Ion: 98 Resp: 105647
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.374 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion: 95 Resp: 34150
Ion Ratio Lower Upper
95 100
174 87.1 0.0 184.2
176 84.0 0.0 178.4

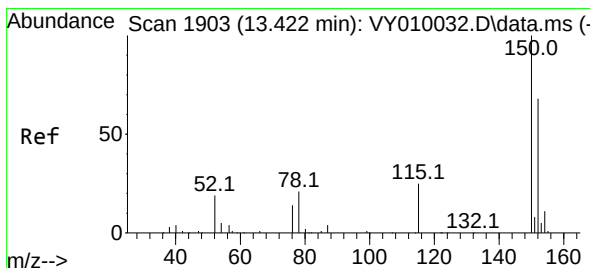
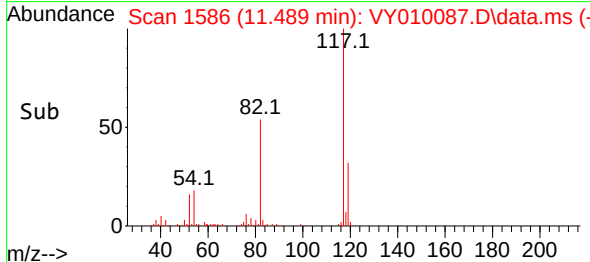
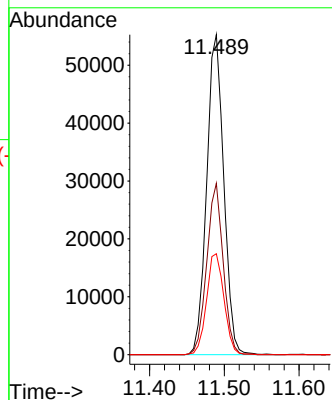
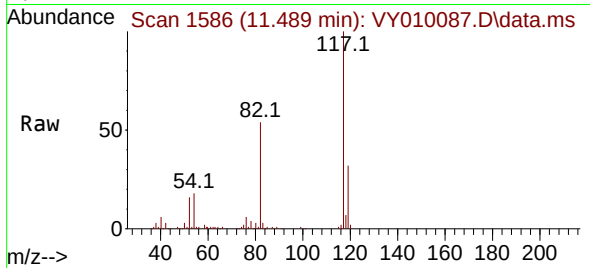




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
S3RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	39.8	59.6
119	31.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.1	84.3
150	157.2	0.0	346.6

